

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

7175-74405

SERIAL NO.

10/774,098

APPLICANT

Nicholas P. VanBrunt et al.

FILING DATE

February 6, 2004

GROUP

Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
UP	AA	5,548,843	Aug. 27, 1996	Chase et al.			
UP	AB	6,379,316	Apr. 30, 2002	Van Brunt et al.			
UP	AC	6,340,025	Jan. 22, 2002	Van Brunt			
UP	AD	6,210,345	April 3, 2002	Van Brunt			
UP	AE	6,415,791	Jul. 9, 2002	Van Brunt			
UP	AF	6,471,663	Oct. 29, 2002	Van Brunt et al.			
UP	AG	6,155,996	Dec. 5, 2000	Van Brunt et al.			
UP	AH	4,577,626	Mar. 25, 1986	Marukawa et al.			
UP	AI	4,840,167	Jun. 20, 1989	Olsson et al.			
UP	AJ	4,930,498	Jun. 5, 1990	Hayek			
UP	AK	1,367,420	Feb. 1, 1921	Munter			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
1 9	AL	SE 105 158 A	Aug. 4, 1942	Sweden			X
2 2	AM	EP 0 584 505 B1	Jul 9, 1993	EPO			X
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
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	AZ	

Examiner

Date Considered

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				APPLICANT Nicholas P. VanBrunt et al.			
				FILING DATE February 6, 2004		GROUP Unknown	

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
BA	3,577,977	May 11, 1971	Ritzinger, Jr. et al.				
BB	3,945,041	Mar. 23, 1976	Rhee				
BC	4,344,620	Aug. 17, 1982	Debski				
BD	4,453,538	Jun. 12, 1984	Whitney				
BE	4,483,336	Nov. 20, 1984	Deitch				
BF	4,561,853	Dec. 31, 1985	Faulconer et al.				
BG	4,637,074	Jan. 20, 1984	Taheri				
BH	4,646,366	Mar. 3, 1987	Nishida et al.				
BI	5,496,262	Mar. 5, 1996	Johnson, Jr. et al.				
BJ	5,562,604	Oct. 8, 1996	Yablon et al.				
BK	5,277,194	Jan. 11, 1994	Hosterman et al.				

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation Yes No		
BL							
BM							
BN							
BO							
BP							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
BR	
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Examiner <u>Mambray</u>	Date Considered <u>1/13/05</u>
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	APPLICANT	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
HC	CA	5,569,170	Oct. 19, 1996	Hansen			
HC	CB	5,188,097	Feb. 23, 1993	Hansen			
HC	CC	1,645,590	Nov. 25, 1927	Mildenberg et al.			
HC	CD	2,486,667	Nov. 1, 1949	Meister			
92	CE	402,779	Mar. 16, 2004	Steinhoff			
HC	CF	2,354,397	Jul. 25, 1944	Miller			
HC	CG	2,436,853	Mar. 2, 1948	Coleman			
HC	CH	2,762,366	Sep. 11, 1956	Huxley III et al.			
HC	CI	2,529,258	Nov. 7, 1950	Lobo			
HC	CJ	3,266,070	Aug. 16, 1966	O'Link			
HC	CK	2,338,535	Jan. 4, 1944	Pfleumer			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	CR	
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Examiner <i>Mam Shum</i>	Date Considered <i>1/13/05</i>
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				APPLICANT Nich las P. VanBrunt et al.			
				FILING DATE February 6, 2004		GROUP Unknown	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
✓	DA	2,779,329	Jan. 29, 1957	Huxley III et al.			
✓	DB	2,780,222	Feb. 5, 1957	Polzin et al.			
✓	DC	2,818,853	Jan. 7, 1958	Huxley III et al.			
✓	DD	2,832,335	Apr. 29, 1958	Huxley III et al.			
✓	DE	2,869,537	Jan. 20, 1959	John Jen-Chu Chu			
✓	DF	3,043,292	Jul. 10, 1962	Mendelson			
✓	DG	3,063,444	Nov. 13, 1962	Jobst			
✓	DH	3,120,228	Feb. 4, 1964	Huxley III			
✓	DI	3,310,050	Mar. 21, 1967	Goldfarb			
✓	DJ	3,333,581	Aug. 1, 1967	Robinson et al.			
✓	DK	3,566,862	Mar. 2, 1971	Schuh et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	DL						
	DM						
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	DP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	DR	
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Examiner <i>Mambrun</i>	Date Considered <i>1/13/05</i>
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	APPLICANT Nich las P. VanBrunt t al.	
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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>WJ</i>	EA	3,683,655	Aug. 15, 1972	White et al.			
<i>WJ</i>	EB	3,993,053	Nov. 23, 1976	Grossan			
<i>WJ</i>	EC	4,349,015	Sep. 14, 1982	Alfermess			
<i>WJ</i>	ED	4,424,806	Jan. 10, 1984	Newman et al.			
<i>WJ</i>	EE	4,621,621	Nov. 11, 1986	Marsalis			
<i>WJ</i>	EF	4,676,232	Jun. 30, 1987	Olsson et al.			
<i>WJ</i>	EG	4,815,452	Mar. 28, 1989	Hayek			
<i>WJ</i>	EH	4,928,674	May 29, 1990	Halperin et al.			
<i>WJ</i>	EI	4,971,042	Nov. 20, 1990	Lerman			
<i>WJ</i>	EJ	5,076,259	Dec. 31, 1991	Hayek			
<i>WJ</i>	EK	5,101,808	Apr. 7, 1992	Kobayashi et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	EL						
	EM						
	EN						
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	EP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	ER	
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	FILING DATE February 6, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
WJ	FA	5,222,478	Jun. 29, 1993	Scarberry et al.			
WJ	FB	5,261,394	Nov. 16, 1993	Mulligan et al.			
WJ	FC	5,299,599	Apr. 5, 1994	Farmer et al.			
WJ	FD	5,453,081	Sep. 26, 1995	Hansen			
WJ	FE	5,769,797	Jun. 23, 1998	Van Brunt et al.			
WJ	FF	5,806,512	Sep. 15, 1998	Abramov et al.			
WJ	FG	5,997,488	Dec. 7, 1999	Gelfand et al.			
WJ	FH	6,030,353	Feb. 29, 2000	Van Brunt			
WJ	FI	2,500 20082531	Jun. 27, 2002	Van Brunt et al.			
WJ	FJ	2,588,192	Mar. 4, 1952	Akerman et al.			
WJ	FK	4,004,579	Jan. 25, 1977	Dedo			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	FL						
	FM						
	FN						
	FO						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	FR	
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Examiner <i>manish</i>	Date Considered <i>1/13/05</i>
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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>HL</i>	GA	2,543,284	Feb. 27, 1951	Gleason			
<i>HL</i>	GB	2,899,955	Aug. 18, 1959	Huxley III, et al.			
<i>HL</i>	GC	3,481,327	Dec. 2, 1969	Drennen			
<i>HL</i>	GD	5,769,800	Jun. 23, 1998	Gelfand et al.			
<i>HL</i>	GE	4,397,306	Aug. 9, 1983	Weisfeldt et al.			
<i>HL</i>	GF	4,838,263	Jun. 13, 1989	Warwick et al.			
<i>HL</i>	GG	4,977,889	Dec. 18, 1990	Budd			
<i>HL</i>	GH	5,056,505	Oct. 15, 1991	Warwick et al.			
<i>HL</i>	GI	5,455,159	Oct. 3, 1995	Mulshine et al.			
<i>HL</i>	GJ	5,891,062	Apr. 6, 1999	Schock et al.			
<i>HL</i>	GK	4,413,357	Nov. 8, 1983	Sacks			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	GL						
	GM						
	GN						
	GO						
	GP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	GR	
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	GY	
	GZ	

Examiner <i>Pham Hung</i>	Date Considered <i>1/13/08</i>
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	APPLICANT Nicholas P. VanBrunt et al.	
	FILING DATE February 6, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
W	HA	4,753,226	Jun. 28, 1988	Zheng et al.			
W	HB	5,437,615	Aug. 1, 1995	Pekar et al.			
W	HC	2,772,673	Dec. 4, 1956	Huxley III et al.			
	HD						
	HE						
	HF						
	HG						
	HH						
	HI						
	HJ						
	HK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	HL						
	HM						
	HN						
	HO						
	HP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

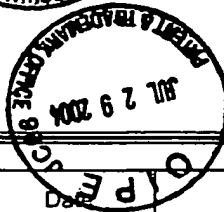
	HR	
	HS	
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Examiner <i>mambrun</i>	Date Considered 1/13/05
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Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 7175-74405	SERIAL NO. 10/774,098
	APPLICANT Nicholas P. Van Brunt t al.	
	FILING DATE February 6, 2004	GROUP 3764 (Filing Receipt)



UNITED STATES PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
PK	AA	4,338,923	07/13/1982	Vadim GELFER et al.			
PK	AB	US2002/0007132A1	01/17/2002	Neil S. ROTHMAN et al.			
	AC						
	AD						
	AE						
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	AI						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AQ	
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Examiner <i>manhua</i>	Date Considered <i>1/13/03</i>
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